

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	31	zeolite same colloid same sol same gel	US-PGPUB; USPAT	OR	ON	2005/11/29 23:05
S3	38	("3216789"   "3298780"   "3366578"   "3484194"). PN. OR ("2001/0039236"   "3867512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/29 23:16
S5	31	S4 not S2	US-PGPUB; USPAT	OR	ON	2005/11/29 23:29
S6	5	wet with gel near zeolite	US-PGPUB; USPAT	OR	ON	2005/11/29 23:31
S7	2	wet same gel near zeolite not S6	US-PGPUB; USPAT	OR	ON	2005/11/29 23:35
S8	389	S1 and calcin\$	US-PGPUB; USPAT	OR	ON	2005/11/29 23:36
S9	33	S8 and calcin\$ near zeolite	US-PGPUB; USPAT	OR	ON	2005/11/29 23:36
S10	294	(US-4458023-\$ or US-4614834-\$ or US-4447556-\$ or US-4542118-\$ or US-6346253-\$ or US-6399270-\$ or US-5403799-\$ or US-5474681-\$ or US-6248682-\$ or US-5464588-\$ or US-6165430-\$ or US-4337145-\$ or US-5702630-\$ or US-5961817-\$ or US-6013275-\$ or US-6022471-\$ or US-6252095-\$ or US-6403183-\$ or US-5981026-\$ or US-5730995-\$ or US-6309611-\$ or US-6315870-\$ or US-6334936-\$ or US-6342128-\$ or US-6217732-\$ or US-4840724-\$).did. or (US-4519897-\$ or US-4601992-\$ or US-4497969-\$ or US-4560542-\$ or US-4791085-\$ or US-4810358-\$ or US-6224841-\$ or US-6352578-\$ or US-6573131-\$ or US-6630696-\$ or US-5527480-\$ or US-4619906-\$ or US-4795846-\$ or US-4839319-\$ or US-5190903-\$ or US-4333857-\$ or US-4332699-\$ or US-5330943-\$ or US-	USPAT	OR	ON	2005/12/01 15:04

5739072-\$ or US-5866496-  
\$ or US-6214211-\$ or US-  
4508840-\$ or US-4946814-  
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5242883-\$ or US-5710088-  
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4968405-\$ or US-5358916-  
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5362696-\$ or US-5464593-  
\$ or US-5468699-\$ or US-  
5518678-\$ or US-5650030-  
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5817871-\$ or US-3649178-  
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3894964-\$ or US-3868299-  
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3844977-\$ or US-4055482-  
\$ or US-4113843-\$ or US-  
4126579-\$ or US-4268420-  
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4327236-\$ or US-4376106-  
\$ or US-4402717-\$ or US-  
4405502-\$ or US-4431748-  
\$).did. or (US-4440868-\$  
or US-4454365-\$ or US-  
4461921-\$ or US-4472366-  
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4496785-\$ or US-4507400-  
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4540559-\$ or US-4551572-  
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4582693-\$ or US-4585640-  
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4968650-\$ or US-4973606-  
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5250184-\$ or US-5258339-  
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5300215-\$ or US-5445876-  
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5569634-\$ or US-5569785-  
\$ or US-5746788-\$ or US-  
5753345-\$ or US-5763668-  
\$ or US-5779904-\$ or US-  
5780680-\$ or US-5817427-  
\$ or US-5863516-\$ or US-  
5997729-\$ or US-6103207-

\$ or US-6166268-\$ or US-6172000-\$ or US-6174490-\$ or US-6210649-\$ or US-6217837-\$ or US-6241871-\$ or US-6242380-\$ or US-6251342-\$ or US-6296759-\$ or US-6297180-\$.did. or (US-6313061-\$ or US-6319876-\$ or US-6329315-\$ or US-6337296-\$ or US-6342153-\$ or US-6346140-\$ or US-6380428-\$ or US-RE37779-\$ or US-6416660-\$ or US-6465382-\$ or US-6494326-\$ or US-6566300-\$ or US-6660676-\$ or US-6746598-\$ or US-6777364-\$ or US-6797278-\$ or US-6799578-\$ or US-6803337-\$ or US-6820681-\$ or US-6841144-\$ or US-6936561-\$ or US-6461803-\$ or US-6251196-\$ or US-6027796-\$ or US-5494858-\$ or US-5561318-\$ or US-5441682-\$.did. or (US-5555914-\$ or US-5587228-\$ or US-5632151-\$ or US-5635454-\$ or US-5640853-\$ or US-5644919-\$ or US-5978133-\$ or US-6409800-\$ or US-4309277-\$ or US-3873439-\$ or US-3867279-\$ or US-3846337-\$ or US-4113659-\$ or US-4326993-\$ or US-4442223-\$ or US-4632749-\$ or US-5346679-\$ or US-5906958-\$ or US-5962352-\$ or US-5965476-\$ or US-6299778-\$ or US-6309545-\$ or US-6316083-\$ or US-6340379-\$ or US-4621068-\$ or US-5389589-\$ or US-5221648-\$.did. or (US-5951963-\$ or US-6274538-\$ or US-6303561-\$ or US-6358911-\$ or US-6413928-\$ or US-4443329-\$ or US-4513090-\$ or US-4870222-\$ or US-4956329-\$ or US-5447651-\$ or US-5286693-\$ or US-4265788-\$ or US-4303782-\$ or US-4304686-\$ or US-4376104-

\$ or US-4452907-\$ or US-4467129-\$ or US-4515902-\$ or US-4552648-\$ or US-4556478-\$ or US-4818738-\$ or US-4918036-\$ or US-5322641-\$ or US-5871646-\$ or US-6074457-\$ or US-6277498-\$ or US-6319487-\$).did. or (US-6335085-\$ or US-6350874-\$ or US-6380119-\$ or US-6388156-\$ or US-6403048-\$ or US-6403853-\$ or US-6448458-\$ or US-4452892-\$ or US-5268199-\$ or US-6281378-\$ or US-4313923-\$ or US-4557858-\$ or US-5337207-\$ or US-4325847-\$ or US-5401487-\$ or US-5529609-\$ or US-5817255-\$ or US-4938870-\$ or US-5215942-\$ or US-5443746-\$ or US-5593495-\$ or US-5605628-\$ or US-5925451-\$ or US-4867758-\$ or US-5213592-\$ or US-5232598-\$ or US-5344512-\$).did. or (US-5660053-\$ or US-5801092-\$ or US-6007685-\$ or US-6067189-\$ or US-6083619-\$ or US-6143400-\$ or US-4422959-\$ or US-4778626-\$ or US-4788046-\$ or US-4857395-\$ or US-4861646-\$ or US-4925603-\$ or US-4935139-\$ or US-5045514-\$ or US-5229093-\$ or US-5306742-\$ or US-5376442-\$ or US-5540981-\$ or US-5557286-\$ or US-5556438-\$ or US-5558680-\$ or US-5569343-\$ or US-5745333-\$ or US-5753570-\$ or US-5837318-\$ or US-5925228-\$ or US-5955387-\$).did. or (US-6071555-\$ or US-6087729-\$ or US-6098282-\$ or US-6112388-\$ or US-6210545-\$ or US-6240786-\$ or US-6264912-\$ or US-6277766-\$ or US-6313220-\$ or US-6316092-\$ or US-6335393-\$ or US-6403526-\$ or US-6428914-\$ or US-

		6475700-\$ or US-6528863-\$ or US-6600645-\$ or US-6723192-\$ or US-6800322-\$ or US-6821474-\$ or US-6899916-\$ or US-6919126-\$ or US-6969536-\$ or US-5379364-\$ or US-5357088-\$ or US-5964291-\$).did.				
S11	712	zeolite and colloid and sol and gel	US-PGPUB; USPAT	OR	ON	2005/12/01 15:04
S12	39	S10 and S11	US-PGPUB; USPAT	OR	ON	2005/12/01 15:05
S13	20	(US-20010039236-\$ or US-20030129311-\$ or US-20040005271-\$ or US-20040087670-\$ or US-20040200757-\$ or US-20050092651-\$ or US-20050170948-\$).did. or (US-3867512-\$ or US-4325845-\$ or US-4333857-\$ or US-4548912-\$ or US-4599321-\$ or US-4657749-\$ or US-4701315-\$ or US-4944864-\$ or US-4994249-\$ or US-5051385-\$ or US-5330736-\$ or US-5855863-\$ or US-6329062-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/01 15:05
S14	4	S10 and S13	US-PGPUB; USPAT	OR	ON	2005/12/01 15:05
S15	57	("2474911"   "3065054"   "3140253"   "3169931"   "3210294"   "3252917"   "3296151"   "3323876"   "3324048"   "3433748"   "3496116"   "3515684"   "3867308"   "3974099"   "3978269"   "4022715"   "4094922"   "4126579"   "4507396"   "4780446"   "5153539").PN. OR ("4333857"   "4548912"   "4599321"   "5051385").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 15:09
S16	24	("4333857"   "4548912"   "4599321"   "5051385").URPN.	USPAT	OR	ON	2005/12/01 15:10
S17	7	S10 and S15	US-PGPUB; USPAT	OR	ON	2005/12/01 15:11
S19	7	S10 and S15 not S14	US-PGPUB; USPAT	OR	ON	2005/12/01 15:11

S20	31	zeolite same colloid same sol same gel	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S21	38	("3216789"   "3298780"   "3366578"   "3484194"). PN. OR ("2001/0039236"   "3867512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/01 15:13
S23	31	S22 not S20	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S24	5	wet with gel near zeolite	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S25	2	wet same gel near zeolite not S24	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S26	389	S11 and calcin\$	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S27	33	S26 and calcin\$ near zeolite	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S28	202	S20 S21 S22 S23 S24 S25 S27 S12 S13 S15	US-PGPUB; USPAT	OR	ON	2005/12/01 15:13
S4	38	S1 and zeolite NEAR (sol gel colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 15:15
S30	58	S28 and zeolite near (sol gel colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 15:15
S31	1	S28 and zeolite near (sol and gel and colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 15:16
S32	0	("2005/0103744").URPN.	USPAT	OR	ON	2005/12/01 15:16
S36	4	S33 S34 S35	US-PGPUB; USPAT	OR	ON	2005/12/01 15:17
S18	5	S10 and S16	US-PGPUB; USPAT	OR	ON	2005/12/01 15:26
S29	128	S28 and zeolite with (sol gel colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 15:27
S37	642	dispers\$3 near zeolite	US-PGPUB; USPAT	OR	ON	2005/12/01 15:27
S38	425	S37 and (sol gel colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 16:21
S39	72	zeolite with (low-k low adj k low adj dielectric)	US-PGPUB; USPAT	OR	ON	2005/12/01 16:22
S41	3	S39 and S40	US-PGPUB; USPAT	OR	ON	2005/12/01 16:23
S40	8	zeolite with (interleveldielectric inter-level-dielectric interlevel adj dielectric ILD)	US-PGPUB; USPAT	OR	ON	2005/12/01 16:58
S42	3182	zeolite with (film layer)	US-PGPUB; USPAT	OR	ON	2005/12/01 16:58

S43	630	zeolite near (film layer)	US-PGPUB; USPAT	OR	ON	2005/12/01 16:58
S44	431	zeolite adj (film layer)	US-PGPUB; USPAT	OR	ON	2005/12/01 16:59
S45	510	deposit\$3 near zeolite	US-PGPUB; USPAT	OR	ON	2005/12/01 16:59
S46	18	S43 with S45	US-PGPUB; USPAT	OR	ON	2005/12/01 16:59
S47	2	("20040091419").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 17:25
S22	38	S11 and zeolite NEAR (sol gel colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 17:30
S48	1378	zeolite NEAR (sol gel colloid\$2)	US-PGPUB; USPAT	OR	ON	2005/12/01 17:30
S33	4	S28 and zeolite near (sol and (gel colloid\$2))	US-PGPUB; USPAT	OR	ON	2005/12/01 17:31
S34	2	S28 and zeolite near (gel and (sol colloid\$2))	US-PGPUB; USPAT	OR	ON	2005/12/01 17:31
S35	3	S28 and zeolite near (colloid\$2 and (sol gel ))	US-PGPUB; USPAT	OR	ON	2005/12/01 17:31
S49	18	zeolite near (sol and (gel colloid\$2))	US-PGPUB; USPAT	OR	ON	2005/12/01 17:31
S50	19	zeolite near (gel and (sol colloid\$2))	US-PGPUB; USPAT	OR	ON	2005/12/01 17:31
S51	11	zeolite near (colloid\$2 and (sol gel ))	US-PGPUB; USPAT	OR	ON	2005/12/01 17:31
S52	23	S49 S50 S51	US-PGPUB; USPAT	OR	ON	2005/12/01 17:32
S53	0	S47 and calcin\$	US-PGPUB; USPAT	OR	ON	2005/12/01 17:46
S54	28	dip\$4 near coat\$3 with zeolite	US-PGPUB; USPAT	OR	ON	2005/12/02 09:02
S55	6	S54 and spin-coat\$3 with dip\$4 near coat\$3	US-PGPUB; USPAT	OR	ON	2005/12/02 09:02
S56	4	etch\$4 and wet-gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S57	28472	etch\$4 and gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S58	3152	etch\$4 same gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S59	1009	etch\$4 with gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S60	120	etch\$4 near gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20

S61	103	etch\$4 adj gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:21
S62	6761	etch\$4 and sol-gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:21
S63	373	etch\$4 with sol-gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:21
S64	35	etch\$4 adj sol-gel	US-PGPUB; USPAT	OR	ON	2006/11/30 15:23
S65	1	(US-6808867-\$).did.	USPAT	OR	ON	2006/11/30 15:31
S66	1	S65 and calci\$	USPAT	OR	ON	2006/11/30 15:31
S1	711	zeolite and colloid and sol and gel	US-PGPUB; USPAT	OR	ON	2007/10/04 12:27
S67	2512	(sol-gel sol with gel) same (pattern\$4 etch\$4)	US-PGPUB; USPAT	OR	ON	2007/10/04 12:28
S68	320	(sol-gel gel with (sol zeolite)) same (pattern\$4 etch\$4) same (via hole trench)	US-PGPUB; USPAT	OR	ON	2007/10/04 12:31
S69	166	S68 and (wet sol-gel gel with (sol zeolite)) with (pattern\$4 etch\$4)	US-PGPUB; USPAT	OR	ON	2007/10/04 12:31
S70	101	S68 and (wet sol-gel gel with (sol zeolite)) near (pattern\$4 etch\$4)	US-PGPUB; USPAT	OR	ON	2007/10/04 12:32
S71	0	S68 and (wet sol-gel gel with (sol zeolite)) near (pattern\$4 etch\$4) with ((via hole ) and trench)	US-PGPUB; USPAT	OR	ON	2007/10/04 12:33
S72	15	S68 and (wet sol-gel gel with (sol zeolite)) near (pattern\$4 etch\$4) with ((via hole ) trench)	US-PGPUB; USPAT	OR	ON	2007/10/04 12:34

2/ 23/ 09 7:35:19 PM

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